

07/31/2012 17:09 FAX

003

PTO/SB/45 (03-09)

Approved for use through 03/31/2012. OMB 0651-0016

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

MAINTENANCE FEE TRANSMITTAL FORM**(Do not submit this form electronically via EFS-Web)**

Address to:
**Director of the United States
 Patent and Trademark Office**
Attn: Maintenance Fee
2051 Jamieson Avenue, Suite 300
Alexandria, VA 22314
 - OR -
Fax to: 571-273-6500

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to "Director of the United States Patent and Trademark Office, Attn: Maintenance Fee, 2051 Jamieson Avenue, Suite 300, Alexandria, VA 22314"

on _____

Signature _____

Typed or printed name _____

Enclosed herewith is the payment of the maintenance fee(s) for the listed patent(s).

1. ☐ A check for the amount of \$ _____ for the full payment of the maintenance fee(s) and any necessary surcharge is enclosed.
2. ☒ Payment by credit card. Form PTO-2038 is enclosed.
3. ☐ The Director is hereby authorized to charge \$ _____ to cover the payment of the fee(s) indicated below to Deposit Account No. 50-2228.
4. ☒ The Director is hereby authorized to charge any deficiency in the payment of the required fee(s) or credit any overpayment to Deposit Account No. 50-2228.

*Information required by 37 CFR 1.366(c) (columns 1 & 2). Information requested under 37 CFR 1.366(d) (columns 3, 4 & 5)

Item	Patent Number*	U.S. Application Number* (e.g., 08/555,555)	Maintenance Fee Amount (37 CFR 1.20(e)-(g))	Surcharge Amount (37 CFR 1.20(h))	Payment Year (select one below) Column 5		
					3.5 yrs	7.5 yrs	11.5 yrs
1	6,172,098	09/318,530	2,365.00				2012
2							
3							
4							
5							

Subtotals: Columns 3 & 4

2,365.00

Total Payment

2,365.00

☐

additional sheets attached for listing additional patents.

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on Form PTO-2038.

Respectfully submitted,**

Customer's Signature: /B. Dell Chism/Customer's Name: B. Dell Chism PATTON BOGGS LLPTelephone: (202) 457-6000Registration Number, if applicable: 60,464Fax: (202) 457-6315

Note: All correspondence will be forwarded to the "Fee Address" or to the "Correspondence Address" if no "Fee Address" has been provided. See 37 CFR 1.363.

Payment of small entity fee is appropriate if small entity status still exists, see 37 CFR 1.27(g). To establish small entity status or to change status from small to large entity, a written assertion is required. See 37 CFR 1.27 and 1.33(b).

**WHERE MAINTENANCE FEE PAYMENTS ARE TO BE MADE BY AUTHORIZATION TO CHARGE A DEPOSIT ACCOUNT, BOTH THE NAME AND SIGNATURE OF AN AUTHORIZED USER ARE REQUIRED.

08/03/2012 DALLEN 00000013 6172098

01 FC:1599

2365.00 OP

Adjustment date: 10/19/2012 CKHLOK

08/03/2012 DALLEN 00000013 6172098

01 FC:1599

-2365.00 OP

10/19/2012 CKHLOK

00000006 6172098

01 FC:1599

2365.00 OP

5251217